sapience
Consultants and Engineers
(Building, Geo-Tech & Road Materials Testing Laboratory)

#B9-003, GANGA, Jnanabharathi Enclave,
Valagerahalli, Mysore Road, Bangalore 560059
Ph: 9448853634, 8762194386.
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Name of Work :Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Name of Client	:	: Executive Engineer, RR Naga Division,BBMP, Bangalore.
Contractor/Agency	:	Sri. R Lokesh, Contractor, Bangalore.
Total Cost	:	Rs. 530.43 Lakhs
Date of Inspection	:	30.03.2021
Status of Bill	:	2nd and part Bill
In the Presence of	:	(a) **Assistant Engineer** , BBMP, Bangalore.
	:	(b) **Mr. Abhilash,** Engineer M/S Sapience Consultants and Engineers, Bangalore

Sl.No	Description of the Item	Unit	Qty		Comments / observations
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)Complete as per the direction of Engineer in charge with all lead and lift	Sqm	3167	:	Work done up to the billed quantity and Quality is satisfactory
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw	Cum	2790	:	Work done up to the billed quantity and Quality is satisfactory
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including	Sqm	116.2	:	Work done up to the billed quantity and Quality is satisfactory
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite	Cum	285.1	:	Work done up to the billed quantity and Quality is satisfactory

Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

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Sl.No	Description of the Item	Unit	Qty		Comments / observations
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever	ton	13.68	:	Work done up to the billed quantity and Quality is satisfactory
6	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin,	Sqm	3648	:	Work done up to the billed quantity and Quality is satisfactory
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour,	Sqm	7913	:	Work done up to the billed quantity and Quality is satisfactory
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69	Cum	234.9	:	Work done up to the billed quantity and Quality is satisfactory
9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.- do - 10 cms thick Complete as	Sqm	1998	:	Work done up to the billed quantity and Quality is satisfactory
10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications. Complete as per the direction of Engineer in charge with all	Sqm	1984	:	Work done up to the billed quantity and Quality is satisfactory
11	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded) Complete as per the direction of Engineer	Sqm	10536	:	Work done up to the billed quantity and Quality is satisfactory
12	Removing and resetting of kerb stones.Complete as per the direction of Engineer in charge with all lead and lift	Sqm	1802	:	Work done up to the billed quantity and Quality is satisfactory
13	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc.,	no's	2156	:	Work done up to the billed quantity and Quality is satisfactory

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14	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes,	Cum	1708	:	Work done up to the billed quantity and Quality is satisfactory
15	Construction of granular sub-base Grading V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material,	Cum	854	:	Work done up to the billed quantity and Quality is satisfactory
16	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the	Cum	1309.5	:	Work done up to the billed quantity and Quality is satisfactory
17	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying	Sqm	5693.3	:	Work done up to the billed quantity and Quality is satisfactory
18	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous	Sqm	32001	:	Work done up to the billed quantity and Quality is satisfactory
19	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted	Sqm	69696	:	Work done up to the billed quantity and Quality is satisfactory
20	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and,	Cum	1884.7	:	Work done up to the billed quantity and Quality is satisfactory
21	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work	Cum	1507.8	:	Work done up to the billed quantity and Quality is satisfactory

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For SAPIENCE CONSULTANTS

Authorised Signatory

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